

10/552, 676 11/16/2006

FILE 'HOME' ENTERED AT 10:12:48 ON 16 NOV 2006

$\Rightarrow$

## Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:13:08 ON 16 NOV 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 NOV 2006 HIGHEST RN 913321-83-2  
DICTIONARY FILE UPDATES: 15 NOV 2006 HIGHEST RN 913321-83-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

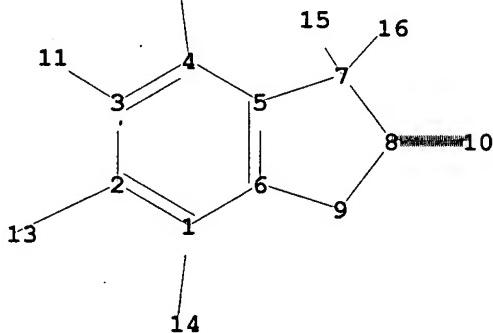
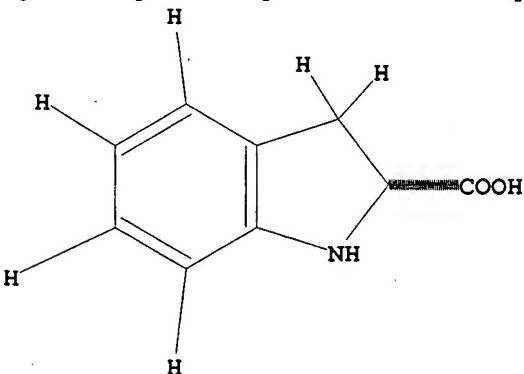
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

$\Rightarrow$

Uploading C:\Program Files\Stnexp\Queries\10552676\6.str



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chain nodes :  
10 11 12 13 14 15 16  
ring nodes :  
1 2 3 4 5 6 7 8 9  
chain bonds :  
1-14 2-13 3-11 4-12 7-15 7-16 8-10  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9  
exact/norm bonds :  
5-7 6-9 7-8 8-9  
exact bonds :  
1-14 2-13 3-11 4-12 7-15 7-16 8-10  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS

L1 STRUCTURE UPLOADED

=> s 11 ful  
FULL SEARCH INITIATED 10:13:20 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 134784 TO ITERATE

100.0% PROCESSED 134784 ITERATIONS 26 ANSWERS  
SEARCH TIME: 00.00.02

L2 26 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
FULL ESTIMATED COST ENTRY SESSION  
166.94 167.15

FILE 'CAPLUS' ENTERED AT 10:13:25 ON 16 NOV 2006  
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FILE COVERS 1907 - 16 Nov 2006 VOL 145 ISS 21  
FILE LAST UPDATED: 15 Nov 2006 (20061115/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.  
They are available for your review at:

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<http://www.cas.org/infopolicy.html>

=> s 12  
L3 224 L2

=> file casreact  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
FULL ESTIMATED COST ENTRY SESSION  
1.38 168.53

FILE 'CASREACT' ENTERED AT 10:15:29 ON 16 NOV 2006  
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FILE CONTENT:1840 - 13 Nov 2006 VOL 145 ISS 20

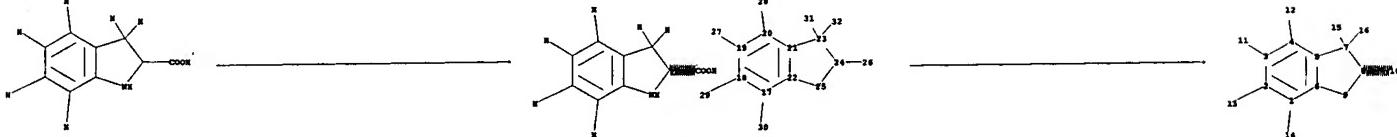
New CAS Information Use Policies, enter HELP USAGETERMS for details.

\*\*\*\*\*  
\* \*  
\* CASREACT now has more than 10 million reactions \*  
\* \*\*\*\*\*

Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>  
Uploading C:\Program Files\Stnexp\Queries\10552676\7.str



chain nodes :  
10 11 12 13 14 15 16 26 27 28 29 30 31 32  
ring nodes :  
1 2 3 4 5 6 7 8 9 17 18 19 20 21 22 23 24 25  
chain bonds :  
1-14 2-13 3-11 4-12 7-15 7-16 8-10 17-30 18-29 19-27 20-28 23-31 23-32 24-26  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 17-18 17-22 18-19 19-20 20-21  
21-22 21-23 22-25 23-24 24-25  
exact/norm bonds :  
5-7 6-9 7-8 8-9 21-23 22-25 23-24 24-25  
exact bonds :

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1-14 2-13 3-11 4-12 7-15 7-16 8-10 17-30 18-29 19-27 20-28 23-31 23-32 24-26

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 17-18 17-22 18-19 19-20 20-21 21-22

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:Atom 19:Atom  
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS 27:CLASS 28:CLASS  
29:CLASS 30:CLASS 31:CLASS 32:CLASS

fragments assigned product role:

containing 1

fragments assigned reactant/reagent role:

containing 17

L4 STRUCTURE UPLOADED

=> s 14 ful

FULL SEARCH INITIATED 10:15:49 FILE 'CASREACT'  
SCREENING COMPLETE - 56164 REACTIONS TO VERIFY FROM 3161 DOCUMENTS

100.0% DONE 56164 VERIFIED 3 HIT RXNS 3 DOCS  
SEARCH TIME: 00.00.12

L5 3 SEA SSS FUL L4 ( 3 REACTIONS)

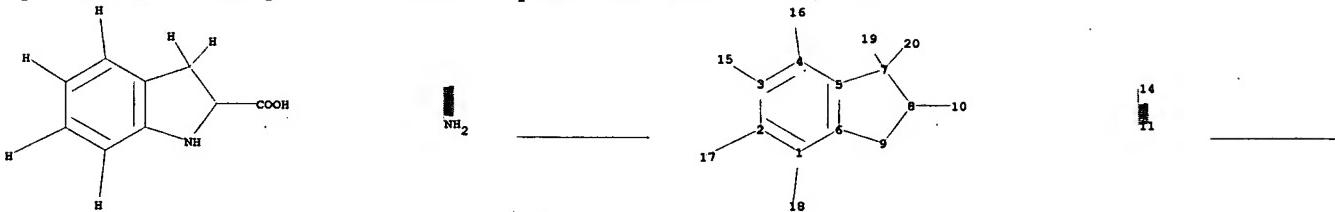
=> d abs hit 1-3

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=>

Uploading C:\Program Files\Stnexp\Queries\10552676\4.str



chain nodes :

10 11 14 15 16 17 18 19 20

ring nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

1-18 2-17 3-15 4-16 7-19 7-20 8-10 11-14

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9

exact/norm bonds :

5-7 6-9 7-8 8-9 11-14

exact bonds :

1-18 2-17 3-15 4-16 7-19 7-20 8-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS

11:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS

fragments assigned reactant/reagent role:

containing 1

containing 11

L5 STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5 STR

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

=> s 15 ful

COMMAND INTERRUPTED

REENTER FILE 'CASREACT'

AND TRY AGAIN, OR ENTER '?' FOR MORE INFORMATION.

Your command did not complete due to a temporary system problem. To recover, reenter the file you are in now. Then, any command that is normally available to you may be used. No cost summary for the current file will be displayed. After reentering the current file you may retry your command. Also, you may wish to SAVE your search

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query. This can be done in any file. If you cannot access your current file, or if your command fails a second time, notify the Help Desk. Enter "HELP STN" for information on contacting the nearest STN Help Desk by telephone or by using the SEND command in STNMAIL file.

```
=> file casreact
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          224.24       224.45
```

FILE 'CASREACT' ENTERED AT 09:49:24 ON 16 NOV 2006  
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
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FILE CONTENT:1840 - 13 Nov 2006 VOL 145 ISS 20

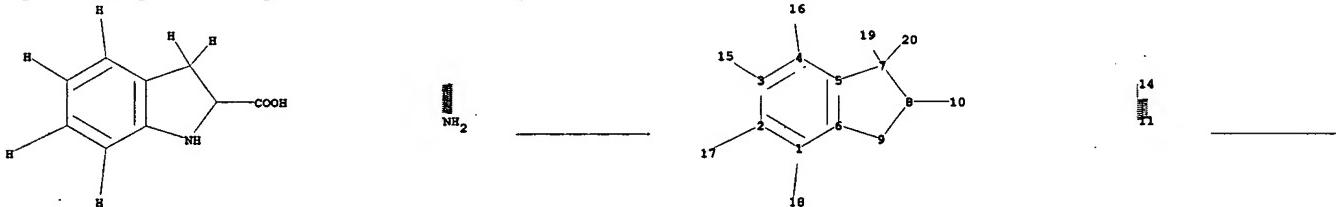
New CAS Information Use Policies, enter HELP USAGETERMS for details.

```
*****
*           CASREACT now has more than 10 million reactions
******
*****
```

Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=>
Uploading C:\Program Files\Stnexp\Queries\10552676\4.str
```



```
chain nodes :
10 11 14 15 16 17 18 19 20
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
1-18 2-17 3-15 4-16 7-19 7-20 8-10 11-14
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
```

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5-7 6-9 7-8 8-9 11-14  
exact bonds :  
1-18 2-17 3-15 4-16 7-19 7-20 8-10  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS  
11:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS  
fragments assigned reactant/reagent role:  
containing 1  
containing 11

L6 STRUCTURE UPLOADED

=> d  
L6 HAS NO ANSWERS  
L6 STR  
\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

=> s 16 ful  
FULL SEARCH INITIATED 09:49:42 FILE 'CASREACT'  
SCREENING COMPLETE - 56125 REACTIONS TO VERIFY FROM 3157 DOCUMENTS  
100.0% DONE 56125 VERIFIED 49 HIT RXNS 8 DOCS  
SEARCH TIME: 00.00.03

L7 8 SEA SSS FUL L6 ( 49 REACTIONS)

=> d ibib hit 1-8

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=> file casreact  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE TOTAL  
ENTRY SESSION  
151.62 376.07

FILE 'CASREACT' ENTERED AT 09:51:39 ON 16 NOV 2006  
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FILE CONTENT:1840 - 13 Nov 2006 VOL 145 ISS 20

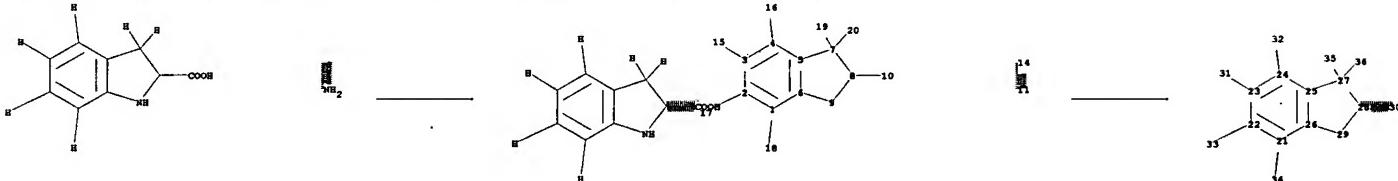
New CAS Information Use Policies, enter HELP USAGETERMS for details.

\*\*\*\*\*  
\*  
\* CASREACT now has more than 10 million reactions \*  
\*  
\*\*\*\*\*

Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>  
Uploading C:\Program Files\Stnexp\Queries\10552676\5.str



chain nodes :  
10 11 14 15 16 17 18 19 20 30 31 32 33 34 35 36  
ring nodes :  
1 2 3 4 5 6 7 8 9 21 22 23 24 25 26 27 28 29  
chain bonds :  
1-18 2-17 3-15 4-16 7-19 7-20 8-10 11-14 21-34 22-33 23-31 24-32 27-35 27-36  
28-30  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 21-22 21-26 22-23 23-24 24-25  
25-26 25-27 26-29 27-28 28-29  
exact/norm bonds :  
5-7 6-9 7-8 8-9 11-14 25-27 26-29 27-28 28-29  
exact bonds :  
1-18 2-17 3-15 4-16 7-19 7-20 8-10 21-34 22-33 23-31 24-32 27-35 27-36 28-30  
normalized bonds :

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FILE 'HOME' ENTERED AT 09:42:50 ON 16 NOV 2006

=> file casreact  
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FILE 'CASREACT' ENTERED AT 09:43:00 ON 16 NOV 2006  
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FILE CONTENT: 1840 - 13 Nov 2006 VOL 145 ISS 20

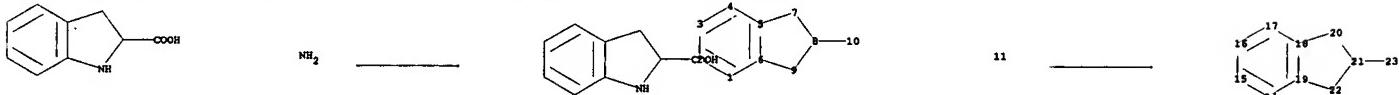
New CAS Information Use Policies, enter HELP USAGETERMS for details.

\*\*\*\*\*  
\*  
\* CASREACT now has more than 10 million reactions  
\*  
\*\*\*\*\*

Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> .  
Uploading C:\Program Files\Stnexp\Queries\10552676\1.str



```

chain nodes :
10 11 23
ring nodes :
1 2 3 4 5 6 7 8 9 14 15 16 17 18 19 20 21 22
chain bonds :
8-10 21-23
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 14-15 14-19 15-16 16-17 17-18
18-19 18-20 19-22 20-21 21-22
exact/norm bonds :
5-7 6-9 7-8 8-9 18-20 19-22 20-21 21-22
exact bonds :
8-10 21-23
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-19 15-16 16-17 17-18 18-19

```

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Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS  
11:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom  
23:CLASS  
fragments assigned product role:  
containing 14  
fragments assigned reactant/reagent role:  
containing 1  
containing 11

L1 STRUCTURE UPLOADED

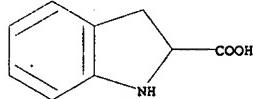
=> d  
L1 HAS NO ANSWERS  
L1 STR  
\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

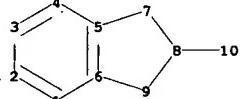
=> s 11 ful  
FULL SEARCH INITIATED 09:43:21 FILE 'CASREACT'  
SCREENING COMPLETE - 56145 REACTIONS TO VERIFY FROM 3158 DOCUMENTS  
100.0% DONE 56145 VERIFIED 0 HIT RXNS 0 DOCS  
SEARCH TIME: 00.00.08

L2 0 SEA SSS FUL L1 ( 0 REACTIONS)

=>  
Uploading C:\Program Files\Stnexp\Queries\10552676\2.str



NH<sub>2</sub> \_\_\_\_\_



11 \_\_\_\_\_

chain nodes :

10 11

ring nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

8-10

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9

exact/norm bonds :

5-7 6-9 7-8 8-9

exact bonds :

8-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS

11:CLASS

fragments assigned reactant/reagent role:

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containing 1  
containing 11

L3 STRUCTURE UPLOADED

=> d  
L3 HAS NO ANSWERS  
L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 13 ful  
FULL SEARCH INITIATED 09:46:06 FILE 'CASREACT'  
SCREENING COMPLETE - 56145 REACTIONS TO VERIFY FROM 3158 DOCUMENTS

100.0% DONE 56145 VERIFIED 269 HIT RXNS 14 DOCS  
SEARCH TIME: 00.00.08

L4 14 SEA SSS FUL L3 ( 269 REACTIONS)

=> d ibib hit 1-14

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		hales david a	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/16 14:19
L1	1935	hales	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/16 14:19
L2	281	L1 and david	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/16 14:19
L3	0	L2 and "hales, david a."	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/16 14:19
L4	0	"hales, david a."	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/16 14:19
L5	484	548/452.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/16 14:20
L6	7	L5 and perindopril	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/16 14:20
L7	246	548/493.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/16 14:20
L8	2	L7 and perindopril	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/16 14:20